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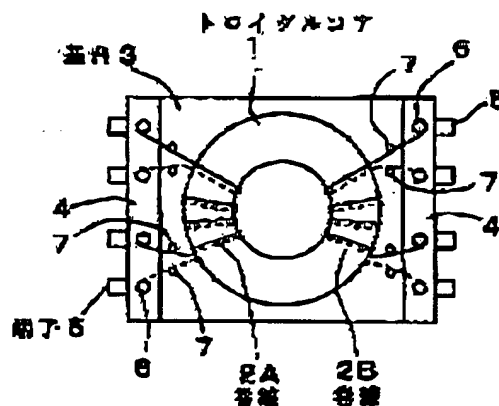
YAMAISHI KATSUMI

## (54) MULTI-LINE COMMON MODE CHOKE FILTER

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a multi-line common mode choke filter of small and low- price, while improving the crosstalk characteristics.

SOLUTION: A plurality of sets of coils 2A and 2B, which constitute a single channel with one set of two wires are wound around a troidal core 1. Here, windings in each set are wound tightly in parallel, while the windings of adjoining sets are wound away from each other. The windings of a pair of two are bonded in parallel using an adhesive. The core 1, wound with the windings 2A and 2B, is placed and fixed to an insulating base stage.



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